

Response dated December 30, 2005
Office Action dated August 30, 2005

Application No. 09/869,542

AMENDMENTS TO THE CLAIMSListing of Claims:

1. (currently amended) An arrangement for configuring a device of a system by transferring control information defining a user's preferences from a portable controller thereto, wherein the portable controller comprises:

~~input means for receiving control information defining the user's preference, for configuring the device;~~

memory circuitry arranged to store and retrieve the control information defining the user's preferences for configuring the device; and

~~output means for transferring a radio transceiver operable to transmit and receive on a low power radio frequency bi-directional link in order to transfer to the system the retrieved control information defining the user's preferences for configuring the device in response to the portable controller entering the environment of the system; and~~

wherein the system comprises:

~~means a radio transceiver for coupling with the output means radio transceiver of the portable controller to transmit and receive on the low power radio frequency bi-directional link with the portable controller in order to transfer the retrieved control information defining the user's preferences to the system; and~~

control means arranged to configure the device in dependence upon the transferred control information defining the user's preferences.

2. (original) An arrangement as claimed in claim 1, wherein the system comprises a plurality of devices and the control means is arranged to configure the devices in dependence upon transferred control information.

3. (currently amended) An arrangement as claimed in claim 2, wherein the ~~radio transceiver of the controller output means~~ transfers to the system retrieved control information for the devices of the system, and the control means configures the devices in dependence upon the transferred control information.

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4. (currently amended) An arrangement as claimed in claim 2, wherein the radio transceiver of the controller output means transfers to the system retrieved control information for a selection of devices of the system defined by the user, and the control means configures the selection of devices in dependence upon the transferred control information.

Claim 5 cancelled.

6. (previously presented) An arrangement as claimed in claim 1, wherein the memory circuitry stores and retrieves information identifying a particular system and the control information only configures the device or devices of that particular system.

7. (original) An arrangement as claimed in claim 6, wherein the device or devices are security devices.

8. (previously presented) An arrangement as claimed in claim 1, wherein the system is a vehicle control system.

9. (original) An arrangement as claimed in claim 8, wherein the device or devices are selected from devices including an alarm, an immobiliser, a seat positioner, a mirror positioner, door/boot locks, temperature/ventilation controller, an engine management device, and servicing interface device.

10. (previously presented) An arrangement as claimed in claim 1, wherein the controller is removable from the environment of the system.

Claim 11 cancelled.

12. (previously presented) An arrangement as claimed in claim 1, wherein the controller is a handportable radio device.

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Claim 13 cancelled.

14. (previously presented) An arrangement as claimed in claim 1, wherein the device is electronically controlled by the system.

15. (previously presented) An arrangement as claimed in claim 1, wherein the system comprises a processor and memory, wherein the memory stores the transferred information and the processor controls the operation of the device, reconfiguring it in dependence upon the received control information.

Claim 16 cancelled.

17. (currently amended) A portable controller for storing control information defining a user's preferences for a system and for configuring a device of the system by transferring control information defining the user's preferences to the system, the portable controller comprising:

~~input means for receiving control information defining the user's preferences for configuring the device;~~

memory circuitry arranged to store and retrieve the control information defining the user's preferences for configuring the device; and

~~output means for transferring a radio transceiver operable to transmit and receive on a low power radio frequency bi-directional link in order to transfer to the system the retrieved control information defining the user's preferences for configuring the device in response to the portable controller entering the environment of the system.~~

18. (original) A controller as claimed in claim 17, wherein memory circuitry is arranged to store control information for configuring a plurality of devices of the system.

19. (currently amended) A controller as claimed in claim 18, wherein the ~~output means~~ ~~radio transceiver~~ is arranged to transfer to the system retrieved control information for the devices of the system.

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20. (currently amended) A controller as claimed in claim 18, wherein the ~~output means~~ ~~radio transceiver~~ transfers to the system retrieved control information for a selection of devices of the system defined by the user.

Claim 21 cancelled.

22. (previously presented) A controller as claimed in claim 17, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

23. (original) A controller as claimed in claim 22, wherein the memory circuitry comprises a look-up table for associating the identity of the system and its devices with the respective device control information.

24. (original) A controller as claimed in claim 23 wherein the look-up table is arranged to assign portions of memory to each identity

25. (currently amended) A controller as claimed in claim 17, wherein ~~said output means~~ ~~the controller~~ comprises means for establishing a bi-directional link with the system and for performing a handshaking procedure with the system.

26. (currently amended) A portable controller as claimed in claim 25, wherein ~~said the radio transceiver is operable to receive, via the bi-directional link, an identifier from the system and to transmit via the bi-directional link control information retrieved from the memory using the received identifier~~ ~~transfers the identity of a system/device to the controller and transfers control information from the controller to the system~~.

Claim 27 cancelled.

28. (previously presented) A controller as claimed in claim 17, wherein the power to operate said controller is provided by the system to which control information is transferred.

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29. (original) An arrangement as claimed in claim 1, wherein configuring the device changes the manner in which the device function.

30. (previously presented) An arrangement as claimed in claim 2, wherein the memory circuitry stores and retrieves information identifying a particular system and the control information only configures the device or devices of that particular system.

31. (previously presented) An arrangement as claimed in claim 3, wherein the memory circuitry stores and retrieves information identifying a particular system and the control information only configures the device or devices of that particular system.

32. (previously presented) An arrangement as claimed in claim 4, wherein the memory circuitry stores and retrieves information identifying a particular system and the control information only configures the device or devices of that particular system.

Claims 33-35 cancelled.

36. (previously presented) A controller as claimed in claim 18, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

37. (previously presented) A controller as claimed in claim 19, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

38. (previously presented) A controller as claimed in claim 20, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

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39. (previously presented) A controller as claimed in claim 21, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

40. (currently amended) A controller as claimed in claim 18, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

41. (currently amended) A controller as claimed in claim 19, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

42. (currently amended) A controller as claimed in claim 20, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

43. (currently amended) A controller as claimed in claim 21, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

44. (currently amended) A controller as claimed in claim 22, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

45. (currently amended) A controller as claimed in claim 23, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

46. (currently amended) A controller as claimed in claim 24, wherein ~~said output means, the controller comprises means for establishing a bi-directional link with the system and for~~ performing a handshaking procedure with the system.

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Claims 47-55 cancelled.

56. (previously presented) A controller as claimed in claim 18, wherein the power to operate said controller is provided by the system to which control information is transferred.

57. (previously presented) A controller as claimed in claim 19, wherein the power to operate said controller is provided by the system to which control information is transferred.

58. (previously presented) A controller as claimed in claim 20, wherein the power to operate said controller is provided by the system to which control information is transferred.

59. (previously presented) A controller as claimed in claim 21, wherein the power to operate said controller is provided by the system to which control information is transferred.

60. (previously presented) A controller as claimed in claim 22, wherein the power to operate said controller is provided by the system to which control information is transferred.

61. (previously presented) A controller as claimed in claim 23, wherein the power to operate said controller is provided by the system to which control information is transferred.

62. (previously presented) A controller as claimed in claim 24, wherein the power to operate said controller is provided by the system to which control information is transferred.

63. (previously presented) A controller as claimed in claim 25, wherein the power to operate said controller is provided by the system to which control information is transferred.

64. (previously presented) A controller as claimed in claim 26, wherein the power to operate said controller is provided by the system to which control information is transferred.

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65. (previously presented) A controller as claimed in claim 27, wherein the power to operate said controller is provided by the system to which control information is transferred.

66. (previously presented) A portable controller as defined in claim 17, wherein the portable controller comprises a mobile phone.

67. (currently amended) A method for configuring a device of a system by transferring control information defining a user's preferences to the system from a portable controller, comprising the steps of:

~~the portable controller receives the control information defining the user's preferences for configuring the device;~~

the portable controller stores ~~control information~~ and retrieves the control information defining the user's preferences for configuring the device; and

the portable controller ~~transmits and receives on a low power radio frequency bi-directional link in order to transfer~~ to the system the retrieved control information defining the user's preferences for configuring the device ~~in response to the portable controller entering the environment of the system.~~

68. (previously presented) A method as claimed in claim 67, wherein the portable controller stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

69. (previously presented) A method as claimed in claim 68, wherein the portable controller maintains a look-up table for associating the identity of the system and its device or devices with the respective device control information.

70. (currently amended) An arrangement for configuring a device of a vehicle management system by transferring control information defining a user's preferences from a portable controller thereto, wherein the portable controller comprises:

~~input means for receiving control information defining the user's preferences for configuring the device;~~

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memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request associated with the first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request associated with the second identifier; and

output means for transferring to the vehicle management system the retrieved control information defining the user's preferences for configuring the device in response to the portable controller entering an environment of the system; and

wherein the vehicle management system comprises:

means for coupling with the output means of the portable controller to transfer the retrieved control information defining the user's preferences to the vehicle management system; and

control means arranged to configure ~~the-a~~ device in dependence upon the transferred control information defining the user's preferences.

71. (currently amended) A portable controller defining the user's preferences for storing control information for a vehicle management system and for configuring a device of the vehicle management system by transferring control information defining the user's preferences to the system, the portable controller comprising:

~~input means for receiving the control information defining the user's preferences for configuring the device;~~

memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request associated with the first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request associated with the second identifier; and

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output means for transferring to the vehicle management system the retrieved control information defining the user's preferences for configuring the device ~~in response to the portable controller entering an environment of the system.~~

Claim 72 cancelled.

73. (new) An arrangement as claimed in claim 1, wherein the radio transceiver of the portable controller is operable to receive, via the bi-directional link, an identifier from the system and to transmit via the bi-directional link control information retrieved from the memory using the received identifier.

74. (new) A method as claimed in claim 67, wherein the portable controller receives an identifier from the system via the bi-directional link and transmits control information via the bi-directional link retrieved from the memory using the received identifier.

75. (new) An arrangement as claimed in claim 1, wherein the retrieved control information is transferred from the portable controller to the system in response to the portable controller entering the environment of the system.

76. (new) An arrangement as claimed in claim 75, wherein the retrieved control information is transferred automatically in response to the portable controller entering the environment of the system.

77. (new) An arrangement as claimed in claim 1, wherein the portable controller comprises input means for receiving control information defining the user's preferences for configuring the device.

78. (new) An arrangement as claimed in claim 77, wherein the input means is for receiving control information directly from a computer.

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79. (new) An arrangement as claimed in claim 1, wherein the portable controller comprises an output for giving information to a user.

80. (new) An arrangement as claimed in claim 1, wherein the portable controller comprises a car phone.